



## ***Monoclonal Anti-human RAR $\beta$ /NR1B2 Antibody***

### **ORDERING INFORMATION**

**Catalog Number:** 2ZH4338H

**Clone:** H4338

**GenBank:** Y00291

**Ig Class:** mouse IgG<sub>2A</sub>

**Volume:** 100  $\mu$ L

**Concentration:** 1 mg/mL

**Formulation:** A liquid formulation in physiologic saline (contains 0.1% NaN<sub>3</sub>)

**Storage:**  $\leq -20^{\circ}$  C

**Specificity:** human RAR $\beta$

**Applications:** Western blot  
Direct ELISA

### ***Preparation***

Produced in BALB/c mouse ascites inoculated with a hybridoma of spleen cells of a BALB/c mouse immunized with recombinant human RAR $\beta$  (amino acids 2 - 79) and mouse myeloma cells (NS-1). The IgG fraction of ascites fluid was purified by ammonium sulfate fractionation.

### ***Formulation***

A liquid formulation in physiologic saline (contains 0.1% NaN<sub>3</sub>).

### ***Storage***

This antibody is stable for greater than six months when held at  $-20^{\circ}$  C to  $-70^{\circ}$  C **in a manual defrost freezer**. Upon thawing, the antibody can be stored at  $2^{\circ}$  -  $8^{\circ}$  C for at least 1 month without detectable loss of activity.

**Avoid repeated freeze-thaw cycles.**

### ***Specificity***

This antibody specifically reacts with human RAR $\beta$  and does not cross-react with human RAR $\alpha$  or RAR $\gamma$ .

### ***Applications***

**Western Blot** - This antibody can be used at 1  $\mu$ g/mL with the appropriate secondary reagents to detect human RAR $\beta$ .

**Direct ELISA** - This antibody can be used at 0.2  $\mu$ g/mL ( $A_{450} = 0.2$ ) with the appropriate secondary reagents to detect human RAR $\beta$ .

**Optimal dilutions should be determined by each laboratory for each application.**



### **Manufactured by:**

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**Note:** Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

**R&D Systems, Inc.  
1-800-343-7475**